

METHODS AND APPARATUS FOR EFFECTUATING A LASTING CHANGE IN A NEURAL-FUNCTION OF A PATIENT

ABSTRACT OF THE DISCLOSURE

Methods and apparatus for treating an impaired neural function in a brain of a patient. In one embodiment, a method for treating a neural function in a brain of a patient includes determining a therapy period during which a plurality of therapy sessions are to be performed to recover functional ability corresponding to the neural function. The method continues by identifying a stimulation site in or on the brain of the patient associated with the neural function, and positioning an electrode at least proximate to the identified stimulation site. The patient is then treated by providing electrical stimulation treatments to the stimulation site. The treatment can comprise delivering electrical stimulation signals to the electrode during the therapy sessions. After expiration of the therapy period, the method includes preventing electrical stimulation signals from being delivered to the stimulation site.